

39. Microcomputers for Accountants

By **THEODORE NEEDLEMAN**, *Consultant*, 192 pp., illus., 7x9 1/4" (Feb. '83) \$24.95, A Spectrum Book

Now, an up-to-date guide shows the accountant how to computerize his practice with guidelines for selecting the best equipment and software to meet his needs, whether developing a personal system or assisting clients in computerizing their businesses. The guide also examines specific areas and applications for microcomputers and shows the accountant *what to look at* when deciding to implement a system.

40. TRS-80 Model III

Assembly Language Tutor

By **HUBERT S. HOWE, Jr.**, *Queens College*, 256 pp., illus., 7x9 1/4" (Jan. '83) \$29.95, paperback text and diskette, A Spectrum Book

This new TRS-80 assembler *software package* streamlines your machine language programming and interfacing with the TRS-80 Model III! Divided into 3 easy-to-follow sections, this complete package covers basic concepts, practical programming techniques and applications, and monitor/debugger programs ... as well as detailed instruction sets and a comprehensive glossary of important computer terms.

41. The Icon Programming Language

By **RALPH E. GRISWOLD and MADGE T. GRISWOLD**, *Univ. of Arizona*, 336 pp., illus., 7x9 1/4" (Feb. '83) \$18.95, paperback

This new guide shows you how to combine the many features of Icon, a high-level, general purpose programming language, for processing non-numeric data. You'll see how to quickly and easily analyze natural languages, reformat data, generate computer programs, manipulate formulas, and more! Too, the guide completely analyzes Icon's more advanced programming tools, such as generators, goal-directed evaluation, string scanning, and co-expressions.

42. Programming a Personal Computer

By **PER BRINCH HANSEN**, *USC*, 400 pp., illus., 7x9 1/4" (April, '83) \$18.95

Here's a valuable handbook giving the programmer a software system powerful enough to develop meaningful programs for personal computers, while remaining simple enough to be followed in detail at all levels of programming! You'll find complete coverage of *Edison* — a Pascal-like language designed for microprocessors — including the program test of the operating system and the compiler.

43. Atari Basic

By **RICHARD E. HASKELL**, *Oakland University*, 224 pp., 266 illus., 8 1/2 x 11" (April '83) \$19.95, A Spectrum Book

This handy guide provides you with a solid introduction to BASIC programming on an Atari computer. Its hands-on, top-down approach to programming comes complete with examples illustrated by actual photographs from the computer's video screen! Plus, it also covers low and high resolution graphics, loops and arrays, string variables and string functions, sound effects, bar graphs, and animated graphics!

44. The Computer Glossary: It's Not Just a Glossary!

By **ALAN FREEDMAN**, *The Computer Language Company*, New York, 320 pp., illus., 8 1/2 x 11" (Jan. '83) \$14.95, paperback

This useful handbook brings you *over 1000 simplified yet understandable computer definitions* — for your added confidence in the computer world! By demystifying this confusing jargon, the guide brings the technical concepts and the world of computers within your grasp, for easy comprehension and practical operations! Plus, over 70 detailed illustrations of key terms, individually tailored sequential reading flowcharts, and expansive cross-reference listings all further simplify your step-by-step route to computer literacy!

45. Osborne User's Guide: Programming and Applications

By **STEVEN M. ZIMMERMAN**, *Univ. of South Alabama at Mobile*, and **LEO M. CONRAD**, *Imaging Concepts*, 320 pp., illus., 7x9 1/4" (Jan. '83) \$14.95, paperback, A Brady Book

This essential guide to both versions of the Osborne I shows you how to do

everything from turning the computer on to writing powerful programs in MBASIC! Helpful, step-by-step coverage includes: how to use the CPM operating system; writing a letter using Wordstar; easing the frustration of programming; your computer as a file cabinet; an introduction to computer graphics; higher mathematics; string variables; a fast look at CBASIC; and more!

46. IBM Personal Computer BASIC Programming Kit

By **LARRY JOEL GOLDSTEIN**, *University of Maryland*, and **MARTIN GOLDSTEIN**, *President of Goldstein Associates*, 302 pp., illus., 7x9 1/4" (April '83) \$34.95, paperback text and disk, A Brady Book

This how-to manual for programming the new IBM Personal Computer includes a diskette containing the 37 programs from this unique and practical guide. It saves you time and keyboarding as you start programming right away! You'll see immediate programming applications to business graphics, games and word processing. While each program presents practical usages as an appointment calendar ... bar generator ... telephone directory ... checking account maintainer ... and more!

47. TRS-80 Model III: Programming and Applications

By **LARRY JOEL GOLDSTEIN**, *Univ. of Maryland*, 308 pp., illus., 7x9 1/4" (Dec. '81) \$14.95, paperback, A Brady Book

Expand your programming skills in a variety of high-performance applications with this practical guide to TRS-80 Model III operation! Stressing BASIC and level II BASIC, the handbook gives you easy-to-follow applications for computer graphics ... computer games ... word processing ... Other applications ... and more! You'll also get hands-on techniques for cassette and disk operation, disk BASIC, printers, and communication interfaces!

48. Basic For The Apple II: Programming and Applications

By **LARRY JOEL GOLDSTEIN**, *Goldstein Associates and University of Maryland*, and **MARTIN GOLDSTEIN**, *Engineering Consultant*, 308 pp., illus., 7x9 1/4" (March, '82) \$19.95, A Brady Book

This completely self-contained, easy-to-follow volume offers thorough, from-the-ground-up introductions to BASIC and Level II BASIC, plus one of the most comprehensive overviews available of practical applications! You'll find helpful tips on easing program frustrations ... updated guidelines for using state-of-the-art software and peripheral devices ... a detailed introduction to Apple DOS ... a separate section on "Where to Go From Here", outlining further BASIC applications for your Apple II ... and much more!

49. Computer Graphics and Games for Kids: Apple II

PAT CASSIDY and JIM CLOSE, *Technical Writers*, 200 pp., illus., 6x9" (Jan. '83) \$17.95, A Spectrum Book

Here's an entertaining way to learn to program your Apple II using computer graphics and games that encourage critical thinking and experimentation! Young readers with no mathematical background will find a simple, easy-to-follow explanation of BASIC; flow charting; illustrations of simple programs; and even ways of modifying computer games! You'll want this guide on hand for hours of fun-filled learning and amusement!

50. Apple II-6502 Assembly Language Tutor

By **RICHARD E. HASKELL**, *Oakland University*, 240 pp., 117 illus., 7x9 1/4" (April '83) \$34.95, text and disk, A Spectrum Book

This specially designed book/software tutorial presents you with a unique monitor program called TUTOR — making assembly language programming and interfacing easier than ever before! The TUTOR displays memory and register contents, allowing you to see the effects each program statement has on each location. This package also includes a series of practical exercises giving you hands-on experience in writing simple programs and implementing various interfacing techniques!

Remember . . . you can test any guide or handbook FREE for 15 days AND SAVE 10% when you order 5 or more books!

51. Basic Computer Programming for Kids

By PAT CASSIDY and JIM CLOSE, *Technical Writers*, 192 pp., 100 illus., 6x9" (Jan. '83) \$17.95, A Spectrum Book

Here's a fully-illustrated handbook designed to help the novice easily understand binary mathematics and computer functions without going through confusing technical jargon! The guide gives simple-to-follow explanations for Bits, Bytes, RAM, ROM, and much, much more! Plus, you'll get education and entertainment applications for the home, school, and business environment!

52. Cross Reference Utility (CRF): A Programming Aid for the IBM PC

By JACK HART, DON MAHAN, and GARY REYNOLDS, all of the *Radian Corp.*, and THE SUMAR CORP., 24 pp., illus., 7x9 1/4" (March '83) \$29.95, A Spectrum Book

This brand new "user friendly" manual and utility program, complete with a ready-to-use software disk, provides a thorough reference listing of variables in a BASIC program — for eased reviewing, analyzing, and modifying of programs! What's more, to further ensure your system's maximum capability, you'll discover how to efficiently optimize variables and variable names, locate and correct typographical errors, and easily debug programs!

53. IBM BASIC

By DONALD T. PAYNE, *Technical Writer*, 200 pp., illus., 6x9" (June '83) \$22.95, A Spectrum Book

Here's a proven approach facilitating your understanding of computing by using programs written in BASIC for the IBM personal computer! You'll find individual sections on problem-solving, use of BASIC instructions, commands and features of the IBM disk operating system, debugging procedures, a programming problem using graphics, and more! And procedural reasoning problems ranging through various levels of difficulty help you develop hands-on improvement of your BASIC programming skills!

54. PET/CBM: An Introduction to BASIC Programming and Applications

By GENE STREITMATTER, *Technical Writer*, and LARRY JOEL GOLDSTEIN, *University of Maryland*, 320 pp., illus., 7x9 1/4" (Jan. '83) \$19.95, A Brady Book

Now a new BASIC guidebook turns the novice into a skilled professional by providing "hands on" programming experience! Not only will you get an introduction to BASIC, but also a survey of applications, peripheral devices, and software. While immediate applications for business, graphics, games, and word processing makes this working computer guide a useful tool for any Pet owner!

55. Science and Engineering Programs for the IBM-PC

By CASS LEWART, *System Development Corporation*, 150 pp., illus., 6x9" (March '83) \$18.95, A Spectrum Book

Now, optimize your IBM personal computer's graphic capabilities with this collection of problem-solving scientific and engineering programs! For instance, the guide's general purpose plotting routine helps you plot measured and computed data on a well-chosen grid determined by the program! You'll also find ready-to-implement programs for electrical engineering, number theory, computer program design, data communication, probability, statistics, operations research, and applied math!

56. The ABC's of Microcomputers: A Computer Literacy Primer

By LINDA GAIL CHRISTIE, *Associates of Tulsa*, and JESS W. CURRY, Jr., *Arthur Young Co.*, 228 pp., illus., 6x9" (March '83) \$15.95, A Spectrum Book

Scores of practical "how-to" procedures and applications for selecting, operating and maintaining your personal computer bring you easy, step-by-step guidance through the microcomputer maze! This comprehensive col-

lection of informative discussions store up-to-the-minute tips on applications, equipment, programming and operations for your microcomputer — all in layman's terms ensuring readily understandable microcomputer practices for you!

57. iAPX 88 Book

By INTEL, 80 pp., illus., 7x9" (Jan. '83) \$15.00, A Reston Book

This handy new guide details tested microcomputer applications for high-performance, low-cost Intel 8088 microprocessor systems! You'll get comprehensive coverage on 8088 pipelined architecture ... effective program coding ... iAPX megabyte memory addressing ... 8088 bus timing and minimum mode status ... direct memory access ... memory and peripheral interface ... assembly language programming ... and much, much more! Plus, the guide analyzes the Intel 8088 microprocessor's unique capabilities, and compares them with other available 8-bit microprocessors — showing you just how powerful this microcomputer applications tool really is!

MAIL TO: Prentice-Hall, Inc., Englewood Cliffs, N.J. 07632

TAKE ADVANTAGE OF THIS SPECIAL 10% DISCOUNT OFFER NOW!

When you order 5 or more books of the same or different titles (even jointly with associates on a single order), Prentice-Hall will bill the books at a 10% discount. Use the handy postpaid reply card or coupon below for ordering your 15-day approval copies.

1. 82236-1	16. 94267-2	30. 61095-6	44. 16448-3
2. 54939-4	17. 06026-9	31. 25181-9	45. D2069-5
3. 65290-9	18. 62721-6	32. R2835-8	46. D2034-9
4. 54976-6	19. 37072-6	33. 58091-0	47. D0503-5
5. 19647-7	20. 18826-8	34. 20141-8	48. D1909-3
6. 19649-3	21. 55058-2	35. 47940-2	49. 16453-3
7. 04477-6	22. 93121-2	36. R4392-8	50. 03923-0
8. 67950-6	23. 93888-6	37. R4382-9	51. 05792-7
9. 94268-0	24. 85111-3	38. 47944-4	52. 19474-6
10. 56851-9	25. 44505-6	39. 58069-6	53. 44869-6
11. 16483-0	26. 16455-8	40. 93127-9	54. D2050-5
12. 42366-5	27. 20454-5	41. 44977-7	55. 79492-5
13. 43133-8	28. R4383-7	42. 73026-7	56. 00062-0
14. 58067-0	29. 59521-5	43. 04980-9	57. R3017-2
15. 20135-0			

SAVE! If payment accompanies order, plus your state's tax where applicable, publisher pays postage and handling charges. Same return privilege refund guaranteed.

☐ **PAYMENT ENCLOSED**—shipping & insurance to be paid by publisher (please include your state's tax where applicable).

☐ **SEND BOOKS ON 15 DAYS APPROVAL** & bill me (with small charge for shipping and insurance).

Name
Address
City State Zip
I prefer to charge my ☐ Visa ☐ Mastercard
Card Number
Signature Expiration date
Dept. 1

It is our policy to ship all books within 72 hours of receipt of your order. If, due to customer demand, the book is out of stock, it will be shipped to you no later than 90 days after receipt of your order.

PRENTICE-HALL, INC.

ENGLEWOOD CLIFFS, NEW JERSEY 07632

All prices in this Quarterly Book Bulletin subject to change without notice.

D-QCBB-GI (6)

D275